

ABSTRACT

DISK DRIVE WITH LOCALIZED THERMAL PROCESSING OF INTEGRATED LEAD SUSPENSIONS FOR CONTROLLING THE PITCH STATIC ATTITUDE OF SLIDERS

[0058] A disk drive is provided with controlled pitch static attitude of the sliders in an integrated lead suspension head gimbal assembly. The integrated lead suspension includes a load beam, a mount plate, a hinge and a flexure made out of a multi-layer material. Localized heating is applied to the outrigger leads during the process of forming flexure legs to set a stable pitch static attitude, which does not change, by subsequent thermal exposures.